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1 // [安迪的第一個字典/Andy's First Dictionary]
2 #define IN "P0506IN.txt"
3 #define OUT "P0506OUT.txt"
4 //*****
5 #include <iostream>
6 #include <time.h>
7 using namespace std;
8 void redir(void);
9 //*****
10 /* Work Space*/
11 #include <string>
12 #include <sstream>
13 #include <set>
14 //*****
15 int main(void)
16 {
17     redir(); //redirection
18 //*****
19 /* Work Space*/
20     string s, buf;
21     int i;
22     set<string> dict;
23     set<string>::iterator it; //反覆運算器
24
25     while(cin >> s){ //遇EOF結束
26         for(i=0; i<s.length(); i++){
27             if(isalpha(s[i])){
28                 s[i] = tolower(s[i]);
29             }else{
30                 s[i] = ' '; //把非字母的字元變成空格
31             }
32         }
33
34         stringstream ss(s); //block scope
35         while(ss >> buf){
36             dict.insert(buf);
37         }
38     }
39
40     for(it=dict.begin(); it!=dict.end(); ++it){ //列出所有的元素
41         cout << *it << endl;
42     }
43 //*****
44     freopen("CON", "r", stdin); //取消重新導向
45     freopen("CON", "w", stdout);
46
47     printf("Time used = %.2f\n", (double)clock()/CLK_TCK); //傳回程式目前為止執行的時間
48
49     system("pause");
50     return 0; //the end...
51 }
52
53 void redir(void)
54 {
55     freopen(IN, "r", stdin);
56     freopen(OUT, "w", stdout);
57 }
58 //*****
59 /* Work Space*/
60 //Input(IN) Sample
61 /*
62 Adventures in Disneyland
63

```

64 Two blonds were going to Disneyland when they came to a fork in the
65 road. The sign read: "Disneyland effect."
66
67 So they went home.
68 */